U.S. Patent Application Serial No. 10/614,268

Filed: July 7, 2003

RESPONSE TO OFFICE ACTION

IN THE CLAIMS:

A complete listing of the claims is set forth below.

(Previously Presented) A speed cooking oven for cooking a food product by hot

gas, comprising:

1.

(a) an oven cavity;

(b) a cooking rack in the oven cavity for supporting said food product;

(c) a conduit means associated with the oven cavity, said conduit means providing for the

circulation of the gas to and from the oven cavity;

(d) a flow means for causing circulation of the gas;

(e) a thermal means for heating the gas;

(f) a control means for controlling the gas flow;

(g) a first gas directing means associated with the conduit means and disposed above the food

product;

(h) a second gas directing means associated with the conduit means disposed above the food

product, wherein the first and second gas directing means are configured to cause the gas from the

first gas directing means to collide with the gas from the second gas directing means upon the

upper surface of the food product; and

(i) wherein said cooking rack, first gas directing means and second gas directing means are

configured to remain stationary during cooking.

(Previously Presented) The speed cooking oven of claim 1 wherein said first gas

directing means comprises a first plurality of stationary apertures and said second gas directing

means comprises a second plurality of stationary apertures.

2

U.S. Patent Application Serial No. 10/614,268

Filed: July 7, 2003

RESPONSE TO OFFICE ACTION

3. (Previously Presented) The speed cooking oven of claim 2 wherein said apertures

are in stationary discharge plates adjacent opposite sides of the oven cavity.

4. (Previously Presented) The speed cooking oven of claim 1 wherein said first gas

directing means and said second gas directing means direct gas from opposite sides of the oven

cavity.

5. (Previously Presented) The speed cooking oven of claim 4 further comprising

microwave waveguides for launching microwave energy from said opposite sides of the oven

cavity.

6. (Previously Presented) The speed cooking oven of claim 5 wherein said conduit

means and said microwave waveguides define separate paths whereby the hot gas and microwave

energy do not mix prior to entering the oven cavity.

7. (Previously Presented) The speed cooking oven of claim 6 wherein said

microwave energy is delivered to the oven cavity without a mechanical microwave waveguide

phase-altering device.